

Title (en)
PHOTOPOLYMERISABLE BINDERS

Publication
EP 0000342 B1 19811125 (DE)

Application
EP 78100236 A 19780626

Priority
DE 2730897 A 19770708

Abstract (en)
[origin: US4147604A] Photopolymerizable binders for printing inks, coatings and printing plates, based on olefinically unsaturated compounds, with or without a polymeric binder component, and containing a diaminobenzophenone compound as the photosensitizer, are improved in respect of their toxicity and shelf life if the diaminobenzophenone compound has the formula $R_1R_2N-C_6H_4-CO-C_6H_4-NR_3R_4$, where R_1 and R_3 are $H(OR_5)_x$ radicals, R_5 being alkylene of 2 or 3 carbon atoms and x being 1, 2 or 3, and R_2 and R_4 are each alkyl of 1 to 4 carbon atoms or are radicals of the type of R_1 and R_3 .

IPC 1-7
C09D 11/10; **C08F 2/50**; **C09D 7/12**

IPC 8 full level
C08F 2/46 (2006.01); **C08F 2/50** (2006.01); **C09D 4/00** (2006.01); **C08F 2/00** (2006.01); **C09D 5/00** (2006.01); **C09D 7/12** (2006.01); **C09D 11/10** (2006.01); **C09D 11/101** (2014.01); **G03F 7/004** (2006.01); **G03F 7/031** (2006.01)

CPC (source: EP US)
C08F 2/50 (2013.01 - EP US); **C09D 11/101** (2013.01 - EP US); **G03F 7/031** (2013.01 - EP US); **Y10S 430/109** (2013.01 - EP); **Y10S 430/124** (2013.01 - EP)

Cited by
GB2132212A; EP0755949A1; US5859084A

Designated contracting state (EPC)
CH DE FR GB SE

DOCDB simple family (publication)
EP 0000342 A1 19790124; **EP 0000342 B1 19811125**; AT 370756 B 19830510; AT A495078 A 19820915; DE 2730897 A1 19790201; DE 2861345 D1 19820128; IT 1105066 B 19851028; IT 7850047 A0 19780627; JP S5417987 A 19790209; JP S6331483 B2 19880624; US 4147604 A 19790403

DOCDB simple family (application)
EP 78100236 A 19780626; AT 495078 A 19780707; DE 2730897 A 19770708; DE 2861345 T 19780626; IT 5004778 A 19780627; JP 8252478 A 19780708; US 92146878 A 19780703